

WHAT IS CLAIMED IS:

1. A content utilizing method in a system including a user terminal, a content server for providing a content, a content processing apparatus for processing a content, and a usage right control server for controlling a right of use of the content, the method comprising:
  - a use requesting step of selecting a content to be used and a condition of use therefor in said user terminal and requesting a use of the content to said content server;
  - a content transmitting step of encrypting the content with a predetermined encrypting key in said content server and transmitting the content to said content processing apparatus;
  - a license control information transmitting step of generating, in said content server, license control information including usage right information having identification information and condition of use of said selected content and user specific information, and executing transmission together with a decrypting key corresponding to said encrypting key to said usage right control server;
  - a ticket transmitting step of generating, in said content server, a ticket including an identifier of said license control information and transmitting it to said content processing apparatus;

an authorization step of transmitting the identifier of said license control information from said content processing apparatus to said usage right control server, which communicates with said content processing apparatus based on the user specific information in the license control information corresponding to said identifier, thereby verifying an authorization for use of the user;

a usage right information transmitting step of transmitting said usage right information and said decrypting key from said authorizing server to said content processing apparatus; and

a content processing step of decrypting said content by said decrypting key in said content processing apparatus and processing the decrypted content based on said usage right information.

2. A content utilizing method according to claim 1, wherein said authorization step includes:

an authorization data transmitting step of encrypting predetermined data with a second encrypting key corresponding to a user in said usage right control server to generate authorization data and transmitting such authorization data to said content processing apparatus;

an authorization data returning step of decrypting said authorization data with a second

decrypting key corresponding to said user in said content processing apparatus and returning the decrypted data to said usage right control server; and

5           a judgment step of judging a successful verification of an authorization for use of said user in case said authorization data decrypted in said decryption step coincide with said predetermined data.

10           3. A content utilizing method according to claim 1, wherein said predetermined data include a random number.

4. A content utilizing method according to  
15 claim 3, wherein said predetermined data include identification information of the user or the content.

5. A content utilizing method according to  
claim 2, wherein said second encrypting key and said  
20 decrypting key are a same user key, and such user key  
is transmitted from said user terminal to said  
content server, then included in said ticket and  
transmitted to said content processing apparatus, and  
transmitted as said user specific information to said  
25 usage right control server.

6. A content utilizing method according to

claim 2, wherein said second encrypting key is a public key of the user, and said second decrypting key is a secret key corresponding to said public key.

5        7. A content utilizing method according to claim 1, wherein said authorization step includes:

an authorization data transmitting step of generating predetermined authorization data in said usage right control server and transmitting such 10 authorization data to said content processing apparatus;

an authorization data returning step of encrypting said authorization data with a second encrypting key corresponding to said user in said 15 content processing apparatus and returning the encrypted data to said usage right control server; and

a judgment step of decrypting the returned authorization data with a second decrypting key 20 corresponding to said user and judging a successful verification of an authorization for use of said user in case said decrypted authorization data coincide with said predetermined authorization data.

25        8. A content utilizing method according to claim 7, wherein said predetermined authorization data are a random number.

9. A content utilizing method according to  
claim 1, wherein said condition of use includes a  
kind of processing of the content.

5           10. A content utilizing method according to  
claim 1, wherein said condition of use includes a fee  
charging method.

10          11. A content utilizing method according to  
claim 10, wherein said fee charging method includes a  
charging method according to an amount of use.

15          12. A content utilizing method according to  
claim 1, wherein said content transmitting step  
transmits, together with said encrypted content, a  
program code to be executed by said content  
processing apparatus.

20          13. A content utilizing method according to  
claim 1, wherein said usage right information is  
capable of describing plural usage rights, and a  
usage right is selected among said plural usage  
rights for executing the content.

25          14. A content utilizing method according to  
claim 1, wherein said usage right information  
describes charge information for the execution of the

usage right, and the method further comprises a charging step of executing a charging process according to said charging information when the usage right is executed.

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15. A content utilizing method according to claim 14, further comprising a charge checking step of checking a charge prior to the execution of said usage right.

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